

**VIDEO COMPRESSION AND DECOMPRESSION SYSTEM WITH
POSTFILTER TO FILTER CODING ARTIFACTS**

Abstract of the Disclosure

5 A video compression and decompression system has an input to receive an encoded video sequence and an output for a decoded video sequence. A video decoder is coupled to the input and decode the received encoded video sequence. A filter module is coupled to the video decoder and the output and filters the decoded video sequence from the video decoder. The filter module has a variable filter strength that is
10 a function of detected motion activity within the video sequence. The filter module filters coding artifacts, such as mosquito artifacts and blocking artifacts from the decoded video sequence so that the displayed video is more pleasing for a viewer's eyes.

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